

**Application No.: 10/790,670**  
**Filing Date: March 1, 2004**

## **AMENDMENTS TO THE CLAIMS**

Please replace all prior versions of the claims with the following listing of the claims. Please note that in the amendments to the claims, deletions are indicated by strikethrough (e.g. ~~deletion~~) or double brackets (e.g. [[word]]) and additions to the claims are underlined (e.g. addition).

**1-2. (Canceled)**

**3. (Previously Presented)** A method of fixing a first piece of bone to a second piece of bone comprising the steps of:

providing a pin having at least one laterally moveable distal anchor and a lumen extending therethrough;

advancing the distal anchor through the first piece of bone and into the second piece of bone while the distal anchor is permitted to move laterally inwardly as needed;

gripping with a deployment tool a proximal portion of a wire that extends axially through the lumen; and

proximally retracting with the deployment tool the wire axially through the lumen such that a distal portion of the wire resists radial inward deflection of the distal anchor, thereby locking the distal anchor with respect to lateral inward movement;

wherein the step of proximally retracting with the deployment tool the wire axially through the lumen comprises moving an outer body of the deployment tool with respect to a central body of the deployment tool; and

wherein the step of moving the outer body of the deployment tool with respect to the central body of the deployment tool comprises one way ratchet-type motion.

**4. (Previously Presented)** A method of fixing a first piece of bone to a second piece of bone comprising the steps of:

providing a pin having at least one laterally moveable distal anchor and a lumen extending therethrough;

advancing the distal anchor through the first piece of bone and into the second piece of bone while the distal anchor is permitted to move laterally inwardly as needed;

gripping with a deployment tool a proximal portion of a wire that extends axially through the lumen; and

moving with the deployment tool the wire axially through the lumen such that a distal portion of the wire resists radial inward deflection of the distal anchor, thereby locking the distal anchor with respect to lateral inward movement;

wherein the step of moving with the deployment tool the wire axially through the lumen comprises moving an outer body of the deployment tool with respect to a central body of the deployment tool; and

wherein the step of gripping with a deployment tool a proximal portion of a wire comprises moving ends of a pair of lever arms toward each other.

5. **(Original)** A method of fixing a first piece of bone to a second piece of bone as in Claim 4, wherein the step of moving the ends of a pair of lever arms towards each other comprises applying a proximal force to an opposite end of the pair of lever arms.

6. **(Original)** A method of fixing a first piece of bone to a second piece of bone as in Claim 5, wherein the proximal force is, applied by the fingers of a hand holding the deployment tool.

7. **(Original)** A method of fixing a first piece of bone to a second piece of bone as in Claim 6, wherein the outer and central bodies of the deployment tool extend between at least the fingers applying the proximal force.

8. **(Original)** A method of fixing a first piece of bone to a second piece of bone as in Claim 7, wherein the palm of the hand holding the deployment device prevents proximal movement of the central body with respect to the outer body.

9. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone comprising the steps of:

providing a pin having at least one laterally moveable distal anchor and a lumen extending therethrough;

advancing the distal anchor through the first piece of bone and into the second piece of bone while the distal anchor is permitted to move laterally inwardly as needed;

gripping with a deployment tool a proximal portion of a wire that extends axially through the lumen; and

moving with the deployment tool the wire axially through the lumen such that a distal portion of the wire resists radial inward deflection of the distal anchor, thereby locking the distal anchor with respect to lateral inward movement;

wherein the step of gripping with a deployment tool a proximal portion of a wire comprises moving ends of a pair of lever arms toward each other.

10. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 9, wherein the step of moving the ends of a pair of lever arms towards each other comprises applying a proximal force to an opposite end of the pair of lever arms.

11-26. **(Canceled)**

27. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 34, wherein the step of moving the ends of a pair of lever arms towards each other comprises applying a proximal force to an opposite end of the pair of lever arms.

28. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 27, wherein the proximal force is, applied by the fingers of a hand holding the deployment tool.

29. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 28, wherein the outer and central bodies of the deployment tool extend between at least the fingers applying the proximal force.

30. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 29, wherein the palm of the hand holding the deployment device prevents proximal movement of the central body with respect to the outer body.

31. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 10, wherein the proximal force is, applied by the fingers of a hand holding the deployment tool.

32. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 31, wherein the outer and central bodies of the deployment tool extend between at least the fingers applying the proximal force.

33. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 32, wherein the palm of the hand holding the deployment device prevents proximal movement of the central body with respect to the outer body.

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34. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 3, wherein the step of gripping with a deployment tool a proximal portion of a wire comprises moving ends of a pair of lever arms toward each other.

35. **(Currently Amended)** A method of fixing a first piece of bone to a second piece of bone comprising the steps of:

providing a pin having at least one laterally moveable distal anchor and a lumen extending therethrough;

advancing the distal anchor through the first piece of bone and into the second piece of bone while the distal anchor is permitted to move laterally inwardly as needed;

gripping a proximal portion of a wire that extends axially through the lumen; and  
proximally retracting the wire axially through the lumen using a deployment tool such that a distal portion of the wire resists radial inward deflection of the distal anchor, wherein proximally retracting the wire includes moving an outer body of the deployment tool with respect to a central body of the deployment tool, thereby locking the distal anchor with respect to lateral inward movement.

36. **(Previously Presented)** A method of fixing a first piece of bone to a second piece of bone as in Claim 35, wherein the step of gripping a proximal portion of a wire includes gripping the proximal portion of the wire with a deployment tool.

37. **(Canceled)**

38. **(Canceled)**

39. **(Currently Amended)** A method of fixing a first piece of bone to a second piece of bone as in Claim [[38]] 35, wherein moving the outer body of the deployment tool with respect to the central body of the deployment tool comprises one way ratchet-type motion.